



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Steven M. Knowles                      Art Unit : 3744  
Serial No. : 10/623,582                              Examiner : Chen Wen Jiang  
Filed : July 22, 2003  
Title : FLUID DELIVERY APPARATUS AND METHOD

U.S. Patent and Trademark Office  
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Arlington, VA 22202

**TERMINAL DISCLAIMER UNDER 37 CFR §§3.73(b) AND 1.321(c)**

Pursuant to 37 CFR §3.73(b), Bright Solutions, Inc., certifies that it is the assignee of the entire right, title, and interest in the above application by virtue of an assignment from the inventors of a priority application of the patent application identified above, recorded in the Patent and Trademark Office at Reel 012178, Frame 0547 on September 19, 2001.

Bright Solutions, Inc., also certifies that it is the assignee of U.S. Patent No. 6,442,958, by virtue of the same assignment. A copy of the assignment is enclosed for reference.

The undersigned has reviewed all the documents in the chain of title of the above-identified application and to the best of undersigned's knowledge and belief, title is in Bright Solutions, Inc.

The undersigned is empowered to act on behalf of the assignee.

Pursuant to 37 CFR §1.321(c), and to obviate a double patenting rejection, the assignee identified above hereby waives and disclaims the terminal portion of the term of the entire patent to be granted upon the above identified application subsequent to the expiration date of U.S. Patent No. 6,442,958, whereby the patent granted on this application and U.S. Patent No. 6,442,958 will expire on the same day, provided that any patent granted on the above identified application shall be enforceable only for and during such period that it is commonly owned with U.S. Patent No. 6,442,958.

The assignee identified above does not disclaim any terminal part of any patent granted on the above identified application prior to the expiration date of the full statutory term of each of U.S. Patent No. 6,442,958, in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally

Applicant : Steve M. Knowles  
Serial No. : 10/623,582  
Filed : July 7, 2003  
Page : 2

Attorney's Docket No.: 14919.0061 C1

disclaimed under 37 CFR §1.321(a), has all claims cancelled by a reexamination certificate, or is otherwise terminated prior to expiration of its statutory term, except for the separation of legal title as stated above. Assignee herein does not disclaim or otherwise affect any part of U.S.

Patent No. 6,442,958.


This disclaimer runs with any patent granted on the above application and is binding upon the grantee, its successors or assigns.

Enclosed is a check for the required fee. Please charge any additional fees, or make any credits, to Deposit Account No. 19-4293, referencing Attorney Docket No. 14919.0061 C1.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

Date: 8-6-04

  
\_\_\_\_\_  
Harold H. Fox  
Reg. No. 41,498

Steptoe & Johnson LLP  
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Washington, DC 20036-1795  
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UNITED STATES  
PATENT AND  
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09220-061001

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NOVEMBER 26, 2001

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\*101854064A\*

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/19/2001

REEL/FRAME: 012178/0547  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
KNOWLES, STEVEN M.

DOC DATE: 09/07/2001

ASSIGNEE:  
BRIGHT SOLUTIONS, INC.  
1738 MAPLELAWN DRIVE  
TROY, MICHIGAN 48084

SERIAL NUMBER: 09899865  
PATENT NUMBER:

FILING DATE: 07/09/2001  
ISSUE DATE:

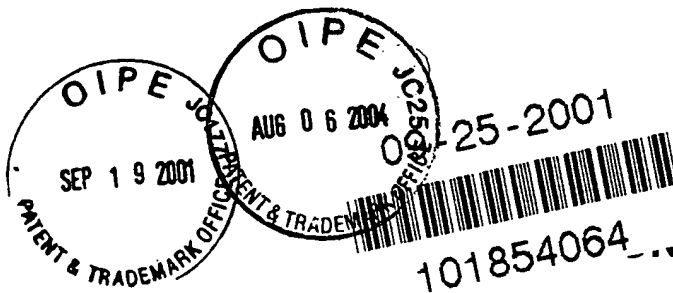
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Required \*  
By Practice Systems  
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Initials:



SHEET

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party: <b>Steven M. Knowles</b> Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party: <b>Bright Solutions, Inc.</b> <b>1738 Maplelawn Drive</b> <b>Troy, MI 48084</b>  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: <b>09/07/2001</b>	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): <b>09/899,865</b> B. Patent No(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed:  <b>HAROLD H. FOX</b> <b>Fish &amp; Richardson P.C.</b> <b>601 Thirteenth Street, NW</b> <b>Washington, DC 20005</b>	6. Total number of applications/patents involved: <b>1</b>  7. Total fee (37 CFR \$3.41): <b>\$40</b> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account.  8. Deposit Account No.: <b>06-1050</b> Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>	
<b>Harold H. Fox</b> <b>Reg. No. 41,498</b> Name of Person Signing	 Signature  <b>9-19-01</b> Date
Total number of pages including coversheet, attachments and document: <b>3</b>	

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09/24/2001 TOIAR1 00000079 09899865

01 001581

40.00 DP


ASSIGNMENT

For valuable consideration, I, STEVEN M. KNOWLES of, Silver Lake, MI, hereby assign to Bright Solutions, Inc., a Michigan corporation, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled FLUID DELIVERY APPARATUS AND METHOD, filed July 9, 2001, and assigned U.S. Serial Number 09/899,865, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Wabash Co. Farm Bureau Credit Union,  
this 7<sup>th</sup> day of Sept, 20 01  
Steven M. Knowles L.S.  
STEVEN M. KNOWLES

State of INDIANA :  
: SS.  
County of WABASH :

Before me this 7 day of September, 20 01, personally  
appeared STEVEN M. KNOWLES known to me to be the person whose name is subscribed to  
the foregoing Assignment and acknowledged that he executed the same as his free act and deed  
for the purposes therein contained.

  
Notary Public  
My Commission Expires: 2/10/2007

[Notary's Seal Here]

AUG 06 2004

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 55.00)

## Complete if Known

Application Number 10/623,582  
Filing Date July 22, 2003  
First Named Inventor Steven M. Knowles  
Examiner Name Chen Wen Jiang  
Art Unit 3744  
Attorney Docket No. 14919-0061 C1

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 19-4293  
Deposit Account Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims  -20\*\* =  X  =   
Independent Claims  -3\*\* =  X  =   
Multiple Dependent  =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) <u>statutory disclaimer</u>			\$55.00

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 55.00)

## SUBMITTED BY

Name (Print/Type) Harold H. Fox

Signature

Registration No. (Attorney/Agent)

41,498

(Complete if applicable)

Telephone 202 429-3000

Date

August 6, 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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